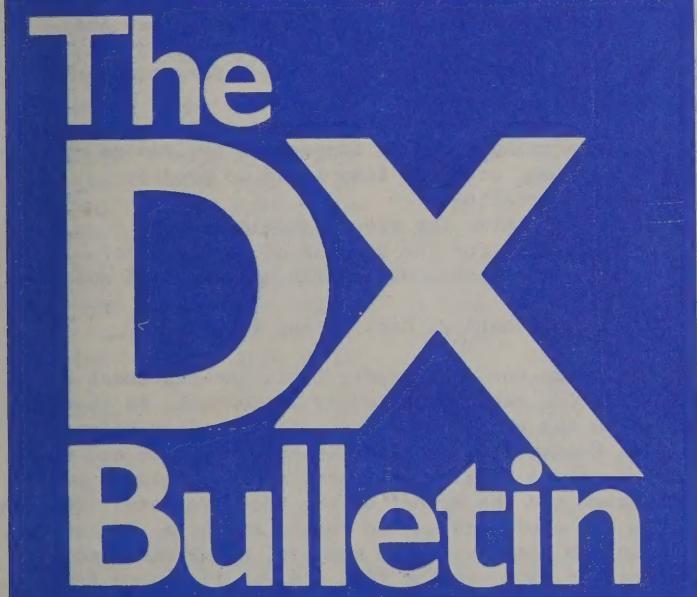


## DXpedition News

Malyj Vysotskij - 4J A New One for DXCC?  
Martti Laine OH2BH thinks so. Martti, OH2RF, OH5NZ, UZ3AU, UR2AR, and UW3AX will operate as 4J0FS from this tiny, uninhabited island in the Gulf of Finland for 100 hours starting around 1500Z July 7. Watch 3645, 3745, 7045, 14145, 21245, and 28545 kHz on SSB, and 1 kHz up on CW. The island is leased to Finland, but is almost surrounded by USSR territory, sufficiently to block a direct line to OH, possibly creating a new country by separation by foreign land (DXCC rule 3b.) It lies at 60° 17'N, 28° 34'E, in Vyborg Bay. Point your beam at UR. Sunrise 0110Z, sunset 1930Z. QSL to OH2NB. (See DXCC analysis below.)

Edited by Chod Harris VP2ML



America's Premier Weekly Amateur Radio Publication

### 4J0FS - A New One?

The first joint Finnish/Soviet DXpedition has been 20 years in the making. OH2BH has a letter dated Nov. 17, 1970 from then-DXCC administrator Bob White W1CW "pre-approving" the island for separate DXCC status. The island is part of territory annexed by the Soviets from Finland in World War II, and leased back to Finland since 1962. Some DXCC questions remain, however. First, there is no record of the "pre-approval" letter at ARRL Hq. DXCC administrator Don Search W3AZD was unaware of the earlier letter, and thought Peter 1 Island was the only DXCC country ever "pre-approved." If the island is leased, it's still owned by the USSR, and not Finland. And why a Russian callsign, if the island is Finnish? We'll know soon.

July 8, 1988

Issue 445

Yemen - 4W As of July 5, the 4W0EA operation was still on hold, awaiting visas. Only two operators remain able to go.

Central Kiribati - T31 Jim Smith T31JS arrived as planned and is very active on all bands for one more week. See Bandpass for times/frequencies.

Aruba - P4 Stan K5GO is on through July 11 as P40GO (not 'CO), including IARU HF test. CW only in the test, 30-32 kHz up. SSB outside the test. QSL K5GO.

Aland - OH0 Look for OH0/K8MFO July 14-18, all bands, CW only. He'll try 160 above 1830 kHz 0030-0130Z. His local "sunrise" at 0130Z is best bet for East Coast Top Banders. QSL to W8TPS.

### Shortly Noted

- 9H3IJ is on CW daily at 2000Z, 17 kHz up on 20 or 15 meters. QSL to DF5BM.
- 9Q5DX has a sked on 21036 kHz at 2030Z. QSL to KQ3S.
- OE4RAA is a county hunter who likes 14256 kHz from 0200Z, and 21309 kHz 16-1700Z.
- BY7HY is a new China station in Yueyang City in Hunan province.
- 8J7XPO and 8J8XPO will be on July 9-Sept. 18 from the ends of the Seikan Tunnel in Japan. (Thanks JARL News.)
- JY9LC is quite active around 14190-95 kHz at 0200Z.
- VK9ND is often on 21370 kHz at 0130Z.
- SSB net check-ins include: TL8HW 3X1SG 5V7WD S79D and ZK3RVC. JX8KY is often in the INDEXA net on 14236 kHz at 2345Z.
- OD5LX likes 14022-25 kHz at 0200Z.
- 5N1MRE can be heard on 14211 kHz at 2000Z.
- T20AA has been on 20M SSB at 1100Z.
- S92LB likes 21290-95 kHz at 2000Z.

### RTTY Report

- Charlie KA2CC will take a HAL Telereader from the West Coast RTTY DX Assn. to Minami Torishima JD1 July 8-15 (military transportation permitting.) He's never operated RTTY before, so be gentle.
- Jim Smith says he'll try RTTY as T31JS, 85 kHz up on 20 and 15. Try 21085 at 1900Z.
- Alex UA9FM in Zone 17 likes 14090 kHz at 2300Z.
- TF/LA4LN and TF/LA2SR will digitally DXpedite through July 29. AX.25 call is LA4LN-10 and AMTOR Selcal is LALN.
- The group that has been operating RTTY from soon-to-disappear Oblast 177 (UM8MM/RM1P and UA9MWA/RM1P) expect to move on to UI, UJ, UH, and UL soon. Try 14084 kHz around 0845Z.
- TU4CQ is on AMTOR at 14078 kHz at 0020Z.
- 6T2MG still is on 14087 kHz at 2330Z.
- VP2MHD is on 14088 kHz at 2350Z.

# PROPAGATION

## Forecast and Historical Data

Day	Forecast	27 Days Before			55 Days Before				
		Date	Flux	A	K	Date	Flux	A	K
8	High Nor	6/11	134	07/16	2	5/14	103	05/11	2
9	High Nor	6/12	122	04/10	1	5/15	101	04/13	1
10	Low Normal	6/13	112	07/18	1	5/16	101	14/22	1
11	Disturbed	6/14	108	23/37	3	5/17	101	29/41	3
12	Low Normal	6/15	111	09/18	2	5/18	104	14/38	1
13	High/Low	6/16	118	07/17	1	5/19	102	06/18	1
14	Low Normal	6/17	121	11/21	2	5/20	104	07/15	1
15	Low Normal	6/18	122	13/21	3	5/21	110	10/22	2
16	Below Nor	6/19	116	20/33	3	5/22	111	07/18	1
17	Below Nor	6/20	115	14/35	3	5/23	119	04/16	0
18	High Nor	6/21	121	07/16	2	5/24	117	08/17	2
19	Low Normal	6/22	119	14/22	3	5/25	119	06/15	2
20	High Nor	6/23	125	11/17	3	5/26	125	08/16	1
21	Below Nor	6/24	135	20/31	4	5/27	127	02/10	1
22	Disturbed	6/25	150	24/48	3	5/28	127	01/12	1
23	Below Nor	6/26	155	13/29	3	5/29	136	10/16	3
24	High/Low	6/27	155	11/21	3	5/30	139	12/21	3
25	High/Low	6/28	178	14/22	1	5/31	145	09/17	2

Thanks KH6BZF and Space Environment Services Center.

### Propagation Watch

The sun gave DXers a real holiday treat over the Fourth of July weekend. Solar flux sky-rocketed to a Cycle-22 high of 193 on July 1, in the middle of a solid week of flux levels above 175.

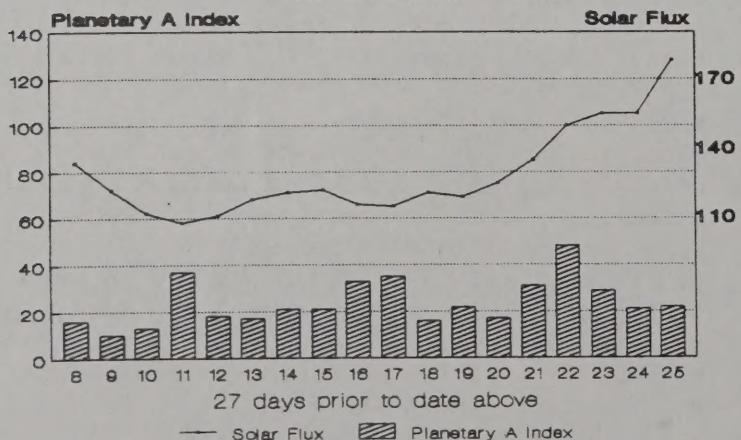
The dramatically increased flux first appeared with above-average absorption levels, but the A and K indices fell throughout the long weekend. By July 4, the planetary A index dropped to 15, and the Boulder K index was 0 for much of the day.

The combination of high flux and very low absorption produced spectacular band conditions on 15 and 20 meters. 15 opened soon after dawn, and stayed open well after local sunset, with very good signals. 20 meters continued to jump all night, with the long path and polar path wide open, thus providing DXers with 24 hours of excellent band conditions.

The forecast for the next few weeks looks disappointing, especially after the super conditions in the first week of July. Look for decreasing flux levels (but still very high for this early in the sunspot cycle,) and increasing absorption.

15 meters is the place to be during the day, and 20 should stay open much of the night, if absorption doesn't increase too much. Seasonal effects have prevented 10 meters from opening east-west, but the usual north-south DX is in daily. Sporadic E skip can liven 10 and 6 meters at any time. If absorption is low, 40 meters offers good DX possibilities as well.

### Solar Data



### Amateur Radio In Iran - 1977

Carl Bethel K4OD takes exception to the statement by EP2FM that he is the only legally licensed amateur in Iran over the past 20 years. Carl writes:

Dear The DX Bulletin:

TDXB Issue 443 contains a statement that should be corrected. The last paragraph of the small piece "Amateur Radio in Iran" is very misleading. Twenty years would take us back to 1968.

I am enclosing a copy of the Amateur Radio Society of Iran monthly newsletter for January, 1977, the last copy I saved. I left Iran in March, 1977. I was a member of the Society for two years and attended most of the meetings during that period. These meetings were always well attended by both Iranian and expatriate licensees.

Note that EP2FM and the name Abdolah Sadjadian do not appear. (Perhaps he was boycotting the "illegal" society which included everybody else.)

I personally went through a very extensive licensing procedure to obtain my EP2OD license. EQ2ITU and 9D5B were special calls assigned to me, by the Iran government, after I convinced them that they would have some significance. Copies of all correspondence and licensing information are in my possession.

My equipment entered the country undergoing a minute inspection by Iranian customs, at which time I had to produce documentation.

I think the record should be set straight, for the benefit of thousands of hams who worked me in Iran between 1975 and 1977.

Sincerely, Carl Bethel K4OD

Thanks for your input, Carl. The statement on EP2FM's QSL card is obviously inaccurate, as the DXCC program has accepted EP cards for contacts before 1979. Meanwhile, EP2HZ continues to operate and QSL. EP2HZ uses a regular QSL card, and he includes his callsign and the symbol of the local society, IRAC, on both the card, and on the return envelope. He isn't trying to hide anything. However, EP2HZ cards do not count for DXCC, as the ARRL has received word from Iran that no amateur operation is permitted at this time. EP2HZ's card says he has a home-made rig, running 50 watts into a dipole, not a high-powered, commercial rig. EP2HZ is Hassan Zohourian, P.O.Box 16765-3133, Tehran. (Thanks KC4BQX for EP2HZ info.)

### 10 Meter Beacon List

10 meters is spotty these days, due to the seasonal high absorption in the summer, but multi-hop E-skip and transequatorial north-south openings provide some DX possibilities on the band. With solar flux soaring, this fall will be a great time to be on 10 (and 6!). To check band openings, tune 28200-300 kHz, where no less than 70 beacons are located, most operating continuously. For an up-to-date list of these beacons, including callsigns, frequencies, locations, and power levels, send an SASE to The DX Bulletin. Thanks to Joe Gumino K2OLG for this updated list.

### SØRASD Videotape Available

Jim Dionne K1MEM has a copy of the SØRASD videotape that Martti Laine OH2BH showed at Visalia and Dayton. He'll make copies of the VHS tape for DX clubs. Please send a donation, made out to the NCDXF, for copying and mailing costs, and some extra for the trip itself. Address: 31 DeMarco Road, Sudbury MA 01776.

# BANDPASS

Reports Wanted,  
Especially RTTY, 30 meters

## RTTY

3B9FR 14091 1210 25 OH  
CE1YI 14081 0345 25 OH  
CO2BB 14091 0301 1 CA  
CT4KO 14093 2325 21 OH  
EA8AKQ 14089 0640 29 CA  
G0ARF 21087 1547 12 OH  
GI0AIQ 14089 0002 23 IN  
HA5CP 14089 0200 24 OH  
HA5HD 14097 0530 26 CA  
HB9DCQ 14090 0015 23 IN  
HP2/ 14084 0310 1 CA  
KP4GP 14084 0400 14 IN  
JR6TJP 14092 1210 18 OH  
KG4FD P 14101 1525 26 OH  
KP2N 14082 2301 22 IN  
LU6DJ 14089 0011 15 OH  
OK2FD 14086 0325 25 OH  
PJ2MI 14089 1050 24 OH  
PZ1BS 14083 1150 25 OH  
SP8CGR 14091 0120 24 OH  
TG9/ 14080 0308 1 CA

## F2JD

UA9FM 14087 2315 17 OH  
UT5RP 14083 0144 24 IN  
VK2BQS 14095 0635 29 CA  
Y06JN 14095 2352 13 OH  
YU3BQ 14091 0215 24 IN  
ZK1CG 14092 0245 24 OH  
ZK3YY 14091 0610 25 CA  
ZL1CG 14098 0349 24 CA  
ZL2BMH 14097 0422 14 IN

## 160 Meters

G3RBP 1834 0225 8 MA  
KL7Y 1830 0911 5 CA  
OK3CQD 1833 0233 8 MA  
T31JS 1833 0907 5 CA  
VK2RS/3 1832 1205 28 WA  
VK3AUU 1834 1150 26 WA  
ZL2VI 1832 1207 25 WA

## 75 Meters

TR8JLD 3799 0024 24 MA  
ZP5CVI 3799 0015 24 MA

## 40 Meters

9H3IJ 7009 2351 28 FL  
BY4WNG 7005 1313 29 OR  
CO2AX 7004 1043 23 MI  
FK8KAB/P 7003 1100 24 MN  
P29HS 7010 1041 20 MI  
PY0FF 7004 0054 3 FL  
T31JS 7005 0642 4 CA  
ZD8HR 7002 0447 4 CA  
ZK1QC 7005 1057 22 MN  
ZK1QC 7040 0715 30 OR  
ZK1XD 7004 0548 25 CA  
ZK1XD 7007 1311 29 OR  
ZK3RVC 7164 0700 4 CA

## 30 Meters

5B4OG 10103 0215 22 PA  
FG5BM 10108 0244 4 CA  
FT5ZB 10101 1245 26 WA  
JD1/ 10102 1336 4 CA  
JF3QMJ Ogasawara

## 20 Meter CW

5H1HK 14038 2350 24 MI  
9H3IJ 14014 2213 24 NY  
9M2LE 14015 1154 22 JA  
9V1XC 14020 1506 25 MT  
BY4RB 14034 1130 21 NH  
BY7KT 14021 1302 22 MI  
CSØREP 14018 0140 29 FL  
EA9GK 14021 0040 24 OH  
EA9KQ 14033 2350 23 OR  
FH5EV 14027 1550 24 MA  
FK8FS 14017 0549 18 OH  
FT5ZB 14004 0651 30 CA  
FT5ZB 14025 1224 5 CA  
HSØA 14028 1220 20 NH  
J52US 14006 2326 27 NY  
JT1BR 14015 1339 30 OR  
JX5TJ 14035 1204 23 GA  
KH2D 14058 1215 21 NH  
KH3/WY5L 14009 1100 24 FL  
KH3/WY5L 14011 0757 30 CA  
KX6HE 14008 1055 25 MA  
OD5LX 14025 0239 21 CT  
OY1R 14034 2010 24 MA  
PZ2AC 14045 0540 14 OH  
RI7XX 14056 0148 29 FL  
RL8LCT 14009 0138 28 FL  
RO4OR 14015 2258 27 FL  
T20AA 14030 1151 22 GA  
T31JS 14031 0908 4 CA  
TA3D 14013 0125 27 FL  
TR8JLD 14036 0557 4 CA  
U19PK 14030 0458 29 OR  
UAØYAG 14016 1337 28 OR  
UA10/ 14025 0312 24 PA  
UAØBDU

UA6IA 14025 0256 29 OR  
UD6DKW 14007 2352 21 MI  
UF6QAE 14013 0137 28 FL  
UH8CA 14028 0100 27 FL  
UL8GWB 14022 2341 28 FL  
UQ2GEI 14020 0233 22 MI  
V21WW 14001 0418 25 OH  
XU1SS 14026 1453 27 WA  
YN3CC 14003 0652 5 CA  
YN3EO 14003 0142 28 FL  
ZB2EO 14010 0104 3 FL  
ZK1XD 14031 0247 23 OH  
ZK3YY 14039 0833 27 MT

\*\*\*\*\*  
When you work a DX station  
say you saw his call in  
The DX Bulletin

\*\*\*\*\*

## 20 Meter SSB

3A2EE 14165 0440 22 OH  
3B9FR 14190 1200 22 RI  
3DAØAM 14260 1205 18 OH  
3X1SG 14226 0123 25 FL  
5B4TI 14189 0350 23 MT  
5N1MRE 14210 1959 24 FL  
5N4/ 14246 0601 29 CA  
4X4FF

5T5NU 14208 0237 24 NH  
5V7TM 14226 2055 21 MA  
6J6JX 14250 0601 29 CA  
7X5ST 14226 0326 24 FL  
9H1EU 14183 2100 17 MA  
9K2KW 14209 2130 21 MA

## 9K2KW

14240 0006 28 NH  
A35SA 14210 0534 30 OR  
A92BE 14189 0356 23 MT  
C21BD 14165 1326 29 OR  
C31SD 14139 2214 22 JA  
CEØGHO 14213 0212 30 CA  
CT3DL 14193 2332 27 MA  
D44BC 14204 0640 24 CO  
EA9IE 14198 2358 24 FL  
FK8KAB 14160 1025 25 MA  
FO5HL 14152 1210 21 MA  
FT5DX 14174 0320 18 OH  
HH7GE 14275 1055 21 OH  
IT9GNG 14240 0356 12 MN  
J28DN 14217 0415 24 CO  
J52BLU 14160 2300 20 MA  
J52US 14191 0046 29 MA  
JW5E 14212 0332 29 RI  
JY9LC 14189 0204 25 MA  
KHØAC 14214 1125 23 RI  
OD5VT 14152 0300 21 OH  
OD5WA 14203 1959 23 NH  
OD5WA 14150 1630 26 NH  
P29KH 14195 1045 24 OH  
SVØFG 14242 0206 25 FL  
T20AA 14208 1113 22 OH  
T20AA 14283 1045 23 OH  
T31JS 14190 0636 5 CA  
TA1U 14230 0445 25 MA  
TF6PS 14172 0214 21 MA  
TPØCE 14213 1255 24 MA  
UG6LQ 14188 0345 18 OH  
UI8FM 14170 0135 28 MI  
UI8ZAA 14197 0040 24 MA  
UJ8JMM 14218 0111 25 NY  
UM5P/ 14182 0239 28 OR  
UM9MWA

## 15 Meter CW

5H1HK 21033 1850 22 NH  
9H3GQ 21030 2240 27 FL  
9H3IJ 21015 2245 27 FL  
9L1GG 21017 1234 2 FL  
9Q5DX 21025 2029 3 CA  
A92EM 21034 2115 9 MA  
CEØFFD 21004 2226 22 GA  
CEØFFD 21003 1600 23 NM  
CN8FC 21027 2006 3 CA  
EA9IB 21040 2233 21 FL  
EA9JS 21043 2219 29 FL  
FT5ZB 21025 0412 5 CA  
SVØFU 21190 1425 25 OH  
T31JS 21030 0202 4 CA  
TA1A 21025 1440 2 FL  
TN4NW 21025 1225 2 FL  
TR8JJC 21027 1718 2 FL

## TU4CO

21009 2159 2 FL  
VQ9QM 21027 1435 24 FL  
ZB2EO 21029 1820 24 FL  
ZD8HR 21006 1424 2 FL  
ZK1XD 21009 0330 25 OH  
-----15 Meter SSB-----  
4S7/ 21225 0155 9 MA  
DF9FA

## N4EXR

TN4NW 21250 1758 1 CA  
TR8SA 21242 1906 26 MA  
VK9ND 21370 0230 25 OH  
VU2TJW 21266 0145 9 MA  
YJ8NJS 21125 1164 13 IL  
ZD8HCS 21252 2105 17 MA  
ZK1CT 21255 0414 27 OR  
ZK1QC 21330 0245 29 OR  
ZK3RVC 21227 2324 3 CA  
ZK3YY 21296 0450 23 CO

## 12 Meters

ZL2ANT 24950 2108 3 CA  
-----10 Meter SSB-----  
3D2MP 28489 0135 11 MA  
A92BE 28505 2205 9 MA  
P40JT 28885 1830 18 OH  
SV9AKD 28450 2133 8 MA  
TR8JLD 28478 2020 9 MA

## 6 Meters

8P6JW 50109 2119 25 MA  
G8HVY 50112 2225 25 MA  
GI6FHD 50147 2227 25 MA  
GMØEWX 50184 2256 25 MA  
GMØEXW 50170 2231 25 MA  
HC2FG 50104 2118 25 MA  
HH7PV 50122 0007 26 MA

## \*\*\*\*\*

## June-July Calendar:

Sun	Mon	Tue	Wed	Thu	Fri	Sa
19	20	21	22	23	24	25
26	27	28	29	30	1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23

## The 1988 The DX Bulletin

## Most Wanted Countries Survey

Have you completed and returned your survey form yet? Take a moment to fill it out and send it to Box 50, Fulton CA 95439 today. DXpeditioners, equipment manufacturers, and DX funding groups use this list to plan and support amateur operations. Your survey can help put a country on the air that you need. Complete and mail your survey form this week!

First Class	U.S. Postage Paid	U.S. Postage Paid
Santa Rosa, CA	Santa Rosa, CA	Santa Rosa, CA
Permit No. 550	Permit No. 550	Permit No. 550
FIRST CLASS MAIL		
<input type="checkbox"/> \$29 Second-Class Mail to Lower 48 States <input type="checkbox"/> \$38 First-Class Mail <input type="checkbox"/> \$50 Overseas Airmail to Overseas subscribers: send U.S. cash, postal money order or check drawn on U.S. bank <input type="checkbox"/> Charge my MasterCard # _____ <input type="checkbox"/> Check enclosed OR ( ) Visa account # _____		
Signature _____ Expires _____ Prints your Name, Call sign and complete mailing address clearly. Name _____ Address _____ City _____ State _____ County _____ Zip + 4 or _____ Postal Code _____		

FIRST CLASS MAIL

# CALENDAR

First Class  
U.S. Postage Paid  
Santa Rosa, CA  
Permit No. 550

(Changes and hot info in boldface.)

Contest	Date	Event or Activity	Info
Amsterdam - FT8Z	FT5ZB 14165+ 1130Z	I441	Sao Tome - S9
	7005 0145Z; 14025 0300Z	I443	Solomons - H4
Aruba - P4	P40GO IARU HF	I443	Taiwan - BV.
Bahamas - C6	W8KKF IARU HF Jul 9	I441	BV2B 14223-26 1300Z
Bahrain - A92	A92BE 21200-230 03Z	I442	Thailand - HS
Brunei - V85	V85BA 14175-215 12Z	I444	HSØA 14026 120Z
Cape Verde - D4	D44BC 14205 0300Z	I444	Tokeleau - ZK3
Cen. Kiribati T31	T31JS to July 15	I444	Tuvalu - T2
Christmas - T32	T32BE Sept. 15-21	I441	Uganda - 5X
Corsica - TK	TK /HB9TL from Jul 14	I441	Virgin Is. - KP2
Easter Is.- CEØ	CEØFFD 21288 0245Z	I444	ZK3RVC to July 20
E. Malaysia - 9M	9M8PV 14165 1230Z	I443	CQWW SSB by K8JRK
Gabon - TR	TR8JLD 14020 05, 21Z	I443	W. Malaysia - 9M2
Glorioso - FR/G	FR4FA/G Now-July 20	I436	9M2LE 1130Z 20CW
Guinea-Bissau J5	J52US 14200 22-23Z	I442	Yemen - 4W
India - VU	VU2TJW to Jul 10	I444	4WØEA Delayed
Jordan - JY	JY9LC 14190 0200Z	I445	Zambia - 9J
Juan Fernandez	CEØICD 14256 at 2100	I443	9J2BO 14025 05, 12Z
Kerquelen - FT-X	FT5XE 14055 1100Z	I442	Zaire - 9Q
Kenya - 5Z4	5Z4DU 21320 1830Z	I442	9Q5DX 21036 2030Z
Kure - KH7	KH6LW/KH7 July 13-27	I443	DX Activities and Contests
Lebanon - OD	OD5LX 14022 0200Z	I445	Date
Liechtenstein HBØ	HBØ/F6GMB Aug 8-20	I437	Event or Activity
Malta - 9H	9H3IJ 20/15 CW 2000Z	I445	July 9-10 IARU HF Contest
Marshall Is. KX6	KX6HN 14196 1215-13Z	I440	Reserve Your Island Now!
Minami Torishima	KA2CC July 8-15 SSB	I442	July 18 Recip calls change
Monaco - 3A	14165 kHz 05Z F9RM	I443	July 23-24 Northwest DX Conv.
Mongolia - JT	JT1BR 14027 1400Z	I440	Contributors
M-V Island - 4J	4JØFS July 7-12	I445	This Issue of The DX Bulletin would
Nepal - 9N	9N1MM 14183 0100Z	I434	not have been possible without the
Nicaragua - YN	YN3EO 14003 0100Z	I444	invaluable assistance of the following:
Norfolk Is. VK9N	VK9ND 21370 0130Z	I445	KH6BF, SESC,, AB8K, JA7FS, KØCVD, KØHB,
North Cooks ZK1	ZK1WL 10/15 SSB 0300	I443	K1HDO, K1MEM, K1TG, K2EK, K4BAI, K7SLI,
Ogasawara - JD1	KA2IJ July 20-27	I443	K8CV, K8NEU, K8RWL, KA1XN, KA4YAE, KC1AG,
Rwanda - 9X	9X5SP 14292 0230Z	I442	KD7SO, KE7X, KK4LM, KS7V, N4MAD, N8AGU,
Saba Is. - PJ	PJØM 6M Jul 7-14	I430	N9GMM, NCDXC, NE8G, NG8D, WØIJR, W1BFT,

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